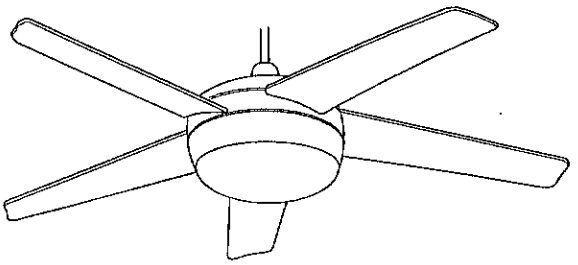
READ AND SAVE THESE INSTRUCTIONS



54" Ceiling Fan
Owner's Manual

ENERGY STAR

Net Weight: 22.1 Lbs.

⚠ WARNING/AVERTISSEMENT

WARNING: To avoid fire, shock, and serious personal injury, follow these instructions.

AVERTISSEMENT : suivez ces instructions pour ne pas risquer de causer un incendie, un choc électrique ou des blessures graves.

Safety Instructions

1. Read your owner's manual carefully and keep it for future reference.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not put anything into the fan blades while they are turning.
5. Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70-2008" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
4. The downrod furnished with the fan proves the minimum recommended floor to fan blade clearance for an 8 foot ceiling.
5. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
6. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

NOTE: This fan is suitable for use with solid-state speed controls.

WARNING: To reduce the risk of fire or electrical shock, this fan should only be used with fan speed control, Model No. FR-7861LMA, manufactured by Rhine Electric Co., Ltd.

AVERTISSEMENT: pour réduire le risque d'incendie ou de choc électrique, ce ventilateur ne doit être utilisé qu'avec la commande de réglage de la vitesse du ventilateur Modèle N° FR-7861LMA, fabriquée par Rhine Electric Co., Ltd.

WARNING: This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson could result in personal injury or property damage.

AVERTISSEMENT: ce produit est conçu pour un emploi exclusif avec les pièces fournies avec ce produit et/ou avec des accessoires désignés spécifiquement pour emploi avec ce produit par Emerson Electric Co. La substitution de pièces ou d'accessoires n'ayant pas été désignés pour emploi avec ce produit par Emerson pourrait causer des blessures ou des dommages matériels.

WARNING: To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

AVERTISSEMENT: pour réduire le risque de blessures, ne courbez pas la collerette de pale lors de l'installation, ou lorsque vous équilibrez les pales ou nettoyez le ventilateur. N'insérez pas d'objets étrangers entre les pales du ventilateur en mouvement.

WARNING: To reduce the risk of electrical shock, this fan must be installed with a general use, isolating control/switch.

AVERTISSEMENT: pour réduire le risque de choc électrique, il faut installer ce ventilateur avec un interrupteur/coupe-circuit isolant universel.

DATE CODE: _____

The date code of this fan may be found on the box, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.

EMERSON QUICK START GUIDE

The Quick Start Guide covers the installation instructions common for ceiling fan operations. If additional assistance with wiring, alternate hanging systems, or lighting options, proceed to the complete instructions of this Owner's Manual.

The Quick Start Guide sections include page numbers to correspond with the appropriate sections of the Owner's Manual for detailed instructions.

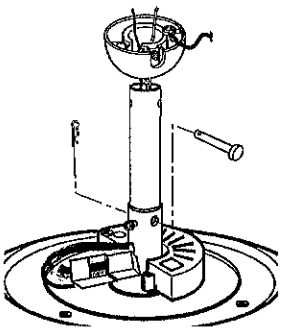
* **See Unpacking Instructions for a complete list of parts for installation.**

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

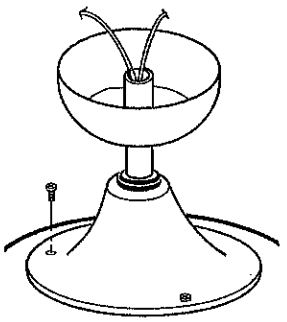
Installation of Downrod (page 76)

1. Remove the hanger ball from the downrod.
2. Install the downrod to the motor coupling using the clevis pin and hairpin clip.
3. Tighten the setscrews.



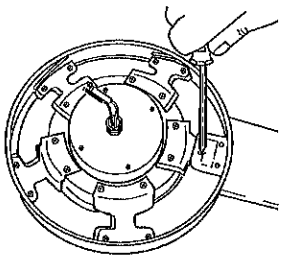
Installation of Ceiling Fan (page 8)

1. Remove the three screws pre-installed on top of the fan assembly. Install the coupler cover and ceiling cover onto the downrod. Reinstall the three screws through the coupler cover.
2. Reinstall the hanger ball onto the downrod, place the pin into the hanger ball and tighten the setscrew.



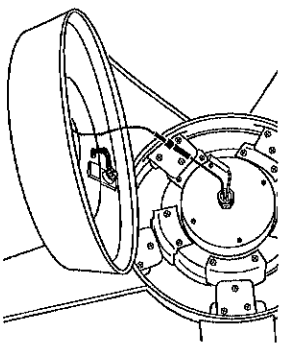
Installation of Blade Assembly (page 8)

1. Turn fan assembly upside down in preparation for mounting fan blade assemblies.
2. To ensure proper blade assembly, make sure the label on the blades are facing the bottom of the ceiling fan. Slide blade through center slot in fan housing. Mount blade to fan housing using three 3/16-24 x 1/2" slotted Phillips washer head blade screws.



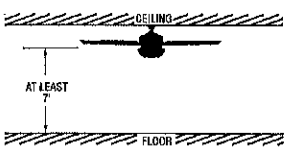
Installation of Switch Housing (page 8)

1. Remove two of the four screws in the motor assembly and loosen the remaining two screws.
2. Connect the terminals of the lower housing assembly to the terminals of the fan motor assembly.



Hanging Your Ceiling Fan (page 10)

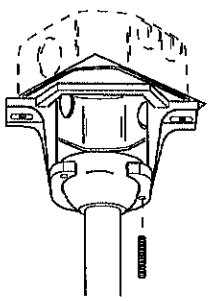
1. Disconnect electrical power to the branch circuit at the circuit breaker or fuse box before attempting to install the ceiling fan hanger bracket on the outlet box.



⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse or circuit breaker box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

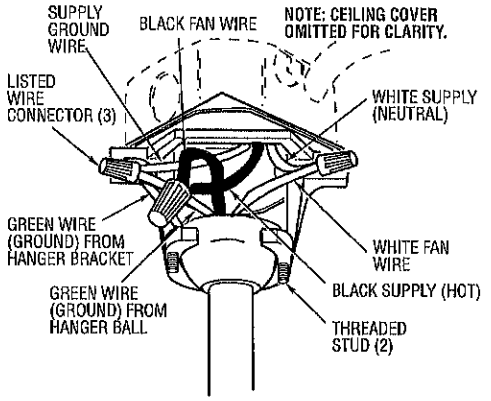
2. The fan must be hung with at least 7' of clearance from floor to blades.
3. Attach the hanger bracket to the outlet box.
4. Seat the hanger ball/downrod assembly on the hanger bracket.



EMERSON QUICK START GUIDE

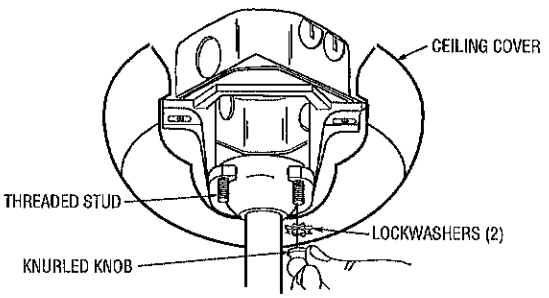
Wiring Ceiling Fan (page 11)

1. Pull the wire leads, coming from the end of the downrod, and the supply wires through the open side of the hanger bracket.
2. Position the Receiver in the ceiling cover so that the flat side of the receiver faces up and the open portion of the receiver is to the right, as shown.
3. Using wire connectors (supplied), make wiring connections as follows:
   a. Connect the green ground wires from the hanger bracket and the hanger ball to the supply ground wire (bare or green).
   b. Connect the white fan to the white supply wire.
   c. Connect the black fan wire to the black supply wire.


SUPPLY GROUND WIRE
BLACK FAN WIRE
NOTE: CEILING COVER OMITTED FOR CLARITY.
LISTED WIRE CONNECTOR (3)
WHITE SUPPLY (NEUTRAL)
GREEN WIRE (GROUND) FROM HANGER BRACKET
WHITE FAN WIRE
GREEN WIRE (GROUND) FROM HANGER BALL
BLACK SUPPLY (HOT)
THREADED STUD (2)

Installation of Ceiling Cover (page 12)

1. After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black, blue and yellow leads on the other side of the outlet box.
2. Lift the ceiling cover up to the threaded studs and turn until studs protrude through the holes in the ceiling cover.
3. Secure the ceiling cover in place by sliding lock-washers over the threaded studs and installing the two knurled knobs (supplied). Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling. Your fan is now wired to be controlled using the remote control transmitter.



Programming, High Speed Conditioning and Operation of Remote Control (pages 13 and 14)

1. The receiver must be programmed within 2 minutes of restoring electricity to the fan. Program the receiver code by pushing and holding down the remote control OFF button for 3-5 seconds. The ceiling fan lights will blink when the receiver has completed programming.
2. If programming fails, shut off and turn on the electricity at the wall switch to reset the receiver. Repeat Step 1 above.
3. If programming continues to fail, change the remote code and repeat Steps 1 and 2 as necessary until the fan successfully completes the programming procedure.

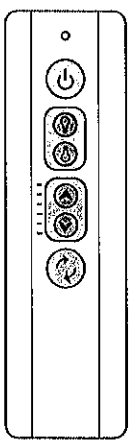
NOTE: Fan installation must be completed, including the installation of the fan blades, before testing the remote control.

4. Your SR600 Fan/Light remote control has full control of your fan speed, air flow direction and light intensity.

NOTE: The following procedure must be completed.

5. Operate the fan at high speed for 2 minutes. Reverse the fan and operate on high speed 2 additional minutes.

* **For additional installation review full instructions on page 13.**



This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips head screwdriver
One 1/4" blade screwdriver
One stepladder
One wire stripper...

MATERIALS

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire would be a 3-conductor (2-wire with ground) of the following size:

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50-100 ft.	12

⚠ WARNING

Before assembly your ceiling fan, refer to section on proper method of wiring your fan (page 11). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ AVERTISSEMENT

Avant d'effectuer le montage de votre ventilateur de plafond, référez-vous à la section consacrée à la méthode de câblage appropriée pour votre ventilateur (page 8). Si vous pensez que vous n'avez pas assez de connaissances ou d'expérience en matière de connexions électriques, demandez à un électricien professionnel d'installer votre ventilateur.

Unpacking Instructions

⚠ WARNING

Do not install or use fan if any part is damaged or missing.

⚠ AVERTISSEMENT

Il ne faut pas installer ou utiliser ce ventilateur si l'un quelconque de ses éléments est endommagé ou manquant.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

⚠ AVERTISSEMENT

Ce produit est conçu pour un emploi exclusif avec les pièces fournies avec ce produit et/ou avec des accessoires désignés spécifiquement pour emploi avec ce produit par Emerson Electric Co. La substitution de plèces ou d'accessoires n'ayant pas été désignés pour emploi avec ce produit par Emerson Electric Co. pourrait causer des blessures ou des dommages matériels.

1. Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.

a. Fan motor assembly
b. One lower housing assembly
c. One ceiling cover
d. Five fan blades
e. One hanger ball/downrod assembly
f. One hanger bracket
g. One glass globe
h. One fan/light remote control (transmitter)
i. One coupler cover
j. Four 13-watt GU-24 fluorescent lamps
k. One loose parts bag containing:
   1. Sixteen 3/16-24 x 1/2" slotted Phillips washer head blade screws
   2. Three wire connectors
   3. Two 1-1/4" threaded studs
   4. Two lockwashers
   5. Two knurled knobs
   6. One clevis pin
   7. One hairpin clip
   8. One 1.25A 125V fuse (spare)
   9. One 5/32-32 x .375" pan head screw (spare)
   10. One 5/32-32 x .75" slotted head screw (spare)

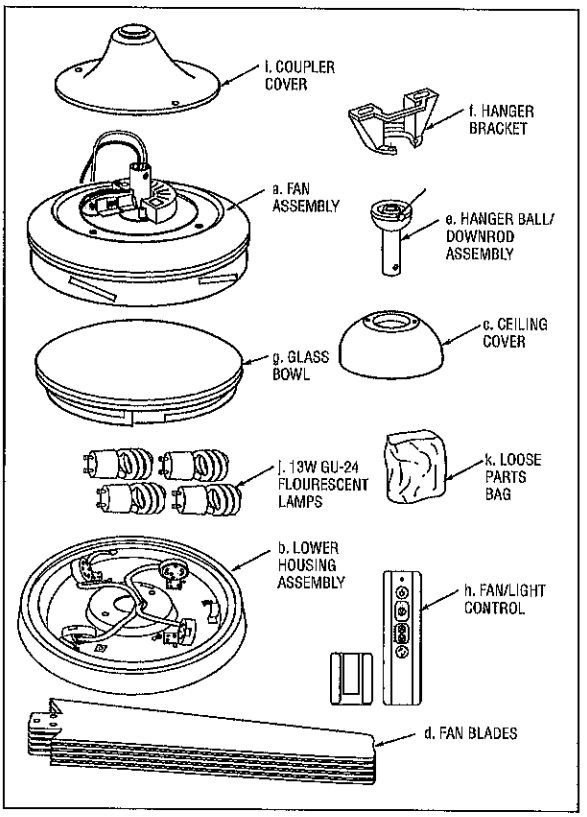
NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

Unpacking (continued)

2. Remove the fan assembly from the protective plastic bag. Place the fan assembly into the upper foam pad with the top of the motor facing up.

   The upper foam pad serves as a holder for the fan during the first stages of assembly.

Your Emerson ceiling fan comes supplied with a Fan/Light Remote Control which consists of a receiver mounted inside the ceiling cover of the fan motor housing. This system allows you to regulate your ceiling fan speed and light ON/OFF.



How to Put Your Ceiling Fan Together

1. Remove the hanger ball by loosening the setscrew in the hanger ball until the ball falls freely down the downrod (Figure 1). Remove the clevis pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in Step 5.

2. Loosen setscrew in motor coupling if necessary. Separate, untwist and unkink the black and white 80" motor leads. Route the motor lead wires through the downrod. Align the clevis pin holes in the downrod with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip (Figure 2). The clevis pin must go through the holes in the motor coupling and the holes in the downrod. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull on the downrod to make sure the clevis pin is properly installed.

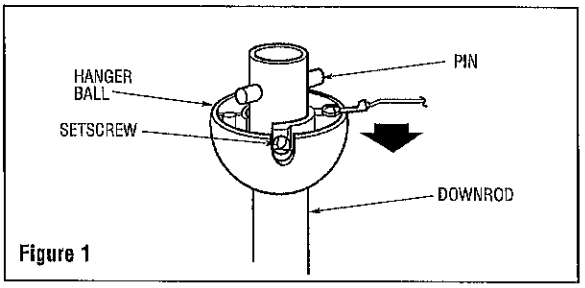


Figure 1

⚠ WARNING

It is critical that the clevis pin in the motor coupling is properly installed and the setscrew securely tightened. Failure to verify that the pin and setscrew are properly installed (as shown in Figure 2) could result in the fan falling.

⚠ AVERTISSEMENT

Il est crucial que l'axe d'assemblage dans l'accouplement du moteur soit installé correctement et que la vis de blocage soit bien serrée. Si vous ne vous assurez pas que l'axe et la vis sont installés correctement (comme cela est illustré à la Figure 2), le ventilateur risquerait de tomber.

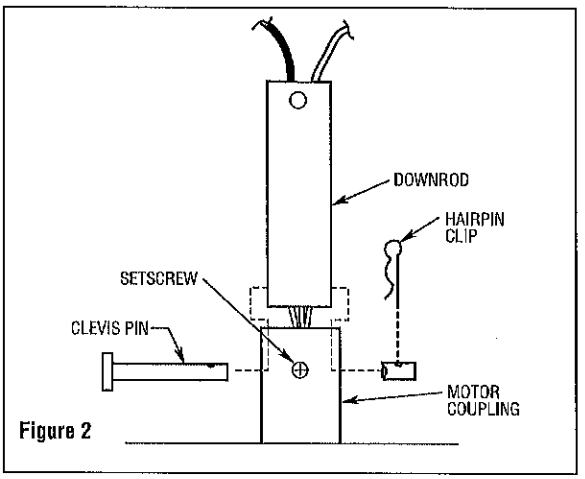


Figure 2

3. While pulling up on the downrod, securely tighten the setscrew in the motor coupling (Figure 3).

NOTE: The setscrew must be properly installed as described above, or fan wobble could result.

4. Remove the three screws pre-installed on top of the fan assembly and retain for use in Step 6.

5. Make sure the grommet is properly installed in the coupling cover then slide the coupler cover on the downrod until it rests on the motor housing. Place the ceiling cover over the downrod. Be sure both the ceiling cover and the coupler cover are oriented correctly (Figure 3).

6. Reinstall the three screws, removed in Step 4, through the coupler cover and into the fan assembly.

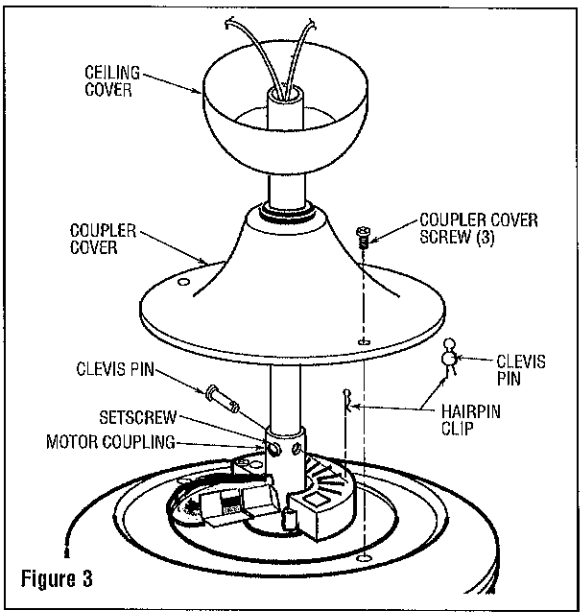


Figure 3

How to Put Your Ceiling Fan Together (continued)

7. Reinstall the hanger ball (Figure 4) on the downrod as follows. Route the motor leads through the downrod. Position the pin through the two holes in the downrod and align the ball so the pin is captured in the groove in the top of the hanger ball. Pull the hanger ball up tight against the pin and securely tighten the setscrew in the hanger ball. A loose setscrew could create fan wobble.

⚠ WARNING

It is critical that the pin in the hanger ball is properly installed and the setscrew securely tightened. Failure to verify that the pin and setscrew are properly installed could result in the fan falling.

⚠ AVERTISSEMENT

Il est crucial que l'axe dans le cylindre de suspension soit installé correctement et que la vis de blocage soit bien serrée. Si vous ne vous assurez pas que l'axe et la vis sont installés correctement, le ventilateur risquerait de tomber.

8. The fan comes with black and white leads that are 80" long. Before installing fan, measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2-inch from end of leads.

9. Turn fan assembly upside down in preparation for mounting fan blades.

10. To ensure proper blade assembly, make sure the label on the blades are facing the bottom of the ceiling fan. Slide blade through center slot in fan housing. Mount blades to fan housing using three 3/16-24 x 1/2" slotted Phillips washer head blade screws on each blade (Figure 5).

NOTE: Take care not to scratch fan housing when installing blades.

11. Remove two of the four screws in the motor assembly and loosen the remaining two screws (Figure 6).

12. Connect the terminals of the lower housing assembly to the terminals of the fan motor assembly (Figure 6).

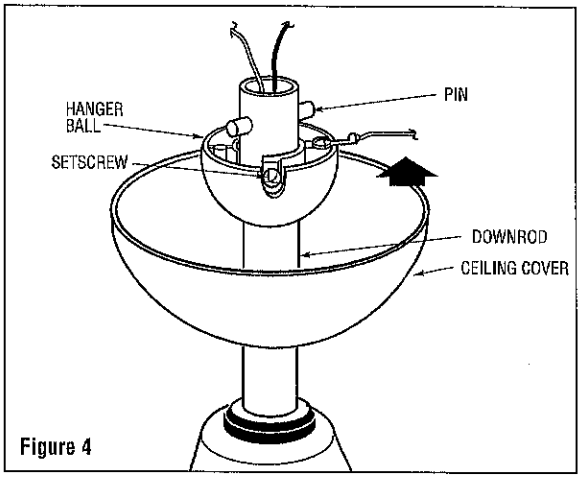
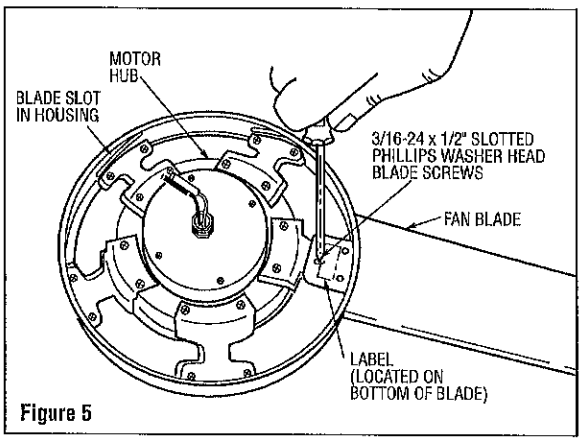


Figure 4


MOTOR HUB
BLADE SLOT IN HOUSING
3/16-24 x 1/2" SLOTTED PHILLIPS WASHER HEAD BLADE SCREWS
FAN BLADE
LABEL (LOCATED ON BOTTOM OF BLADE)
Figure 5

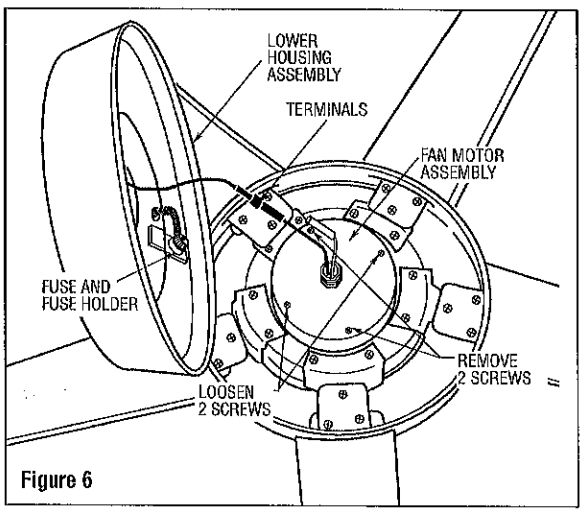


Figure 6

How to Put Your Ceiling Fan Together (continued)

13. Attach the lower housing assembly to the fan motor using the two key slot holes. (Figure 7). Secure the lower housing assembly by tightening the two screws. Reinstall and tighten the two screws that were removed.

NOTE: Make sure wires and terminals are positioned in raised center area of lower housing assembly, and not pinched between fan and light kit.

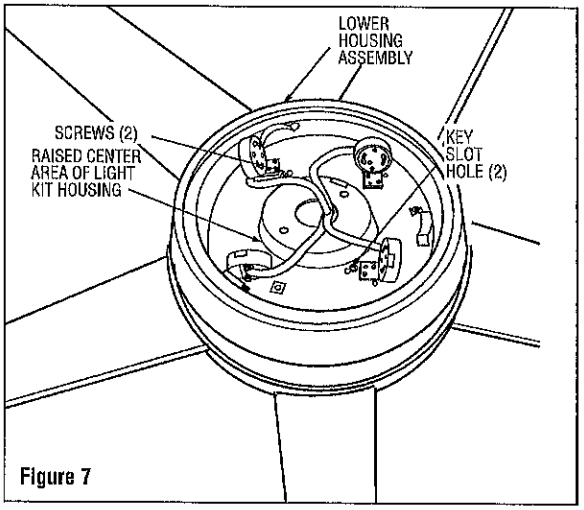


Figure 7

Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

⚠ AVERTISSEMENT

Pour réduire le risque d'incendie, de choc électrique ou de blessures, ne montez le ventilateur que dans un boîtier de prises de courant comportant les termes « Acceptable pour le raccordement d'un ventilateur », et utilisez les vis fournies avec le boîtier. La plupart des boîtiers de prises de courant utilisés couramment pour le raccordement de luminaires ne sont pas acceptables pour le raccordement de ventilateurs et devront peut-être être remplacés. Consultez un électricien professionnel en cas de doute.

If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ AVERTISSEMENT

Il n'est pas suffisant de couper l'alimentation au niveau du commutateur mural. Pour éviter tout risque de choc électrique, assurez-vous que l'électricité est coupée au niveau du disjoncteur/boîtier de fusibles avant de commencer le câblage. Tout le câblage doit être conforme aux codes nationaux et locaux, et le ventilateur de plafond doit être mis à la terre de façon correcte pour éviter tout risque de décharge électrique.

⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully.

Any electrical work not described in these instructions should be done or approved by a licensed electrician.

⚠ AVERTISSEMENT

Suivez soigneusement toutes les instructions de câblage pour éviter tout risque d'incendie ou de choc électrique. Tout travail électrique qui n'est pas décrit dans ces instructions doit être effectué ou approuvé par un électricien professionnel.